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SPECIAL DATA COLLECTION SYSTEM EVENT REPORT
Uzbek SSR, 08 April 1976

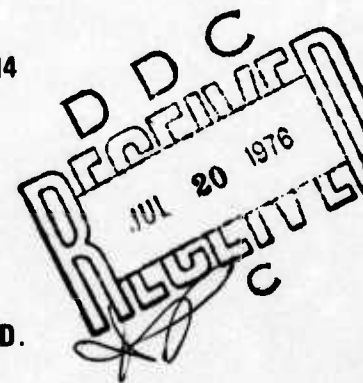
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Alexandria Laboratories

Teledyne Geotech, 314 Montgomery Street, Alexandria, Virginia 22314

June 1976

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Unclassified

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UZBEK SSR, 08 April 1976

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405601

SDCS EVENT REPORT NO. 98

UZBEK SSR, 08 April 1976

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	"P" Arrival	Origin Time	Lat.	Long.	m_b	M_s
NORSAR	02:47:41.7	02:40:15	39 N	065 E	6.1	N/A
Hagfors	02:47:29.8	02:41:01	45 N	062 E	6.8	7.1

Using SDCS stations, LASA and NORSAR, the epicenter location and magnitudes become

02:40:28.6 41.2N 063.7E 6.2 N/A

The programs used for LASA, NORSAR and ALPA data recovery are presently undergoing modifications. Information for LASA short-period is reported from their Teleseism Event Report; NORSAR short-period data are obtained from their bulletin. The long-period array beam recovery for these stations will be resumed upon completion of these modifications.

All SDCS stations were operational during this period.

Short-period signals associated with this event were recorded at all SDCS stations, LASA and NORSAR. All SP channels at HN-ME had polarity reversals; to correct this, mathematical inversions of the data were performed. Horizontal SP channels at all SDCS stations were rotated.

All SDCS stations recorded clipped long-period signal arrivals and are not included in this report.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response).

ACCESSION for

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DIC	Ref Section	<input type="checkbox"/>
UNANNOUNCED		<input type="checkbox"/>
JUSTIFICATION.....		
BY.....		
DISTRIBUTION/AVAILABILITY CODES		
Dist.	AVAIL. and/or SPECIAL	
A		

STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT - PERIOD	LONG - PERIOD
ALPA	Alaska	65 14 00.0 N 147 44 36.0 W	626	None	31300
CPSO	McMinnville, Tennessee	35 35 41.4 N 085 34 13.5 W	574	6480 V 7515 H	SL210 V SL220 H
FN-WV	Franklin, West Virginia	38 32 58.0 N 079 30 47.0 W	910	KS36000	KS36000
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
WH2YK	White Horse, Yukon	60 41 41.0 N 134 58 02.0 W	853	18300	SL210 V SL220 H

HYPOCENTER DETERMINATION

INPUT FOR EVENT 8 APR 76
02:40:15.0 39.000N 65.000E 0KM.

STA.	ARRIVAL	RESIDUALS		DIST.	AZ.
		CALC	REST	REST	REST
NAO	02 47 41.7	-0.0	-0.0	37.3	319.9
WH2YK	02 52 24.0	-0.1	-0.1	77.3	9.3
HN-ME	02 52 55.7	1.2	1.1	83.0	328.5
RK-ON	02 53 09.8	-1.1	-1.2	86.3	345.8
LAO	02 53 40.0	1.3	1.3	92.1	353.1
FN-WV	02 53 46.3	-0.9	-0.8	93.8	331.9
CPSO	02 54 08.5	-0.3	-0.2	98.6	335.1

67 HERRIN TRAVEL TIME TABLES

ORIGIN	LAT.	LONG.	DEPTH (KM)	SDV	IT	STA
02:40:39.8	41.533N	63.566E	70. CALC	0.9	10	7
02:40:28.6	41.168N	63.696E	0. REST	0.9	3	7

CALC				REST			
4	.	1		4	.	1	
2	.	0		2	.	0	
0	0.	0	0	0	0.	0	0
.
0	0.	0	0	0	0.	0	0
0	.	0		0	.	0	
0	.	0		0	.	0	

CHI2 COVERAGE ELLIPSE; 95 PER CENT CONF..LEVEL, SDV= 0.92
MAJOR 127.4KM. MINOR 50.9KM. AZ= 11 AREA= 20368 SQ.KM. REST

DATA SUMMARY

INPUT FOR EVENT 8 APR 76
 02:40:15.0 39.000N 65.000E 0KM.

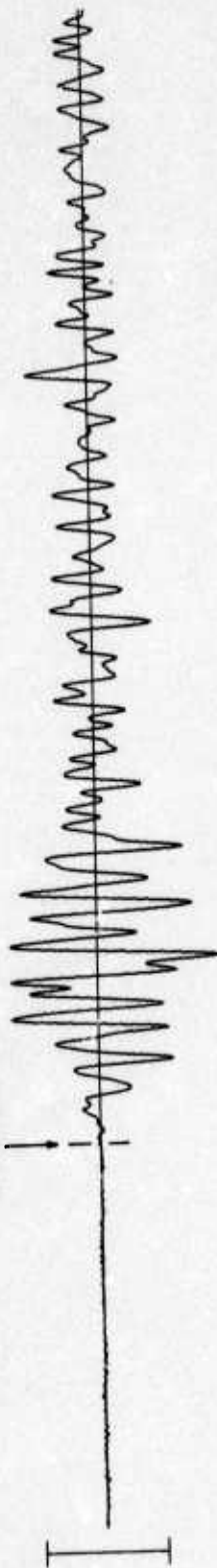
STA.	PHASE	ARRIVAL TIME	INST	PER	A/T	MAGNITUDE		DIR	DIST
						MB	MS		
NAO	EP	02 47 41.7	AB	0.8	700.	6.05			37.3
WH2YK	EP	02 52 24.0	SPZ	1.0	579.	6.36			77.3
HN-ME	EP	02 52 55.7	SPZ	1.1	750.	6.57			83.0
RK-ON	EP	02 53 09.8	SPZ	0.7	618.	6.42			86.3
LAO	EP	02 53 40.0	SAB	99.9	9999.				
FN-WV	EP	02 53 46.3	SPZ	1.0	94.	5.79			93.8
CPSO	EP	02 54 08.5	SPZ	1.6	134.	6.33			98.6

ORIGIN	LAT.	LONG.	DEPTH (KM)	MAG	SDV	STA
02:40:39.8	41.533N	63.566E	70. CALC	6.16	0.17	6
02:40:28.6	41.168N	63.696E	C. REST	6.25	0.28	6

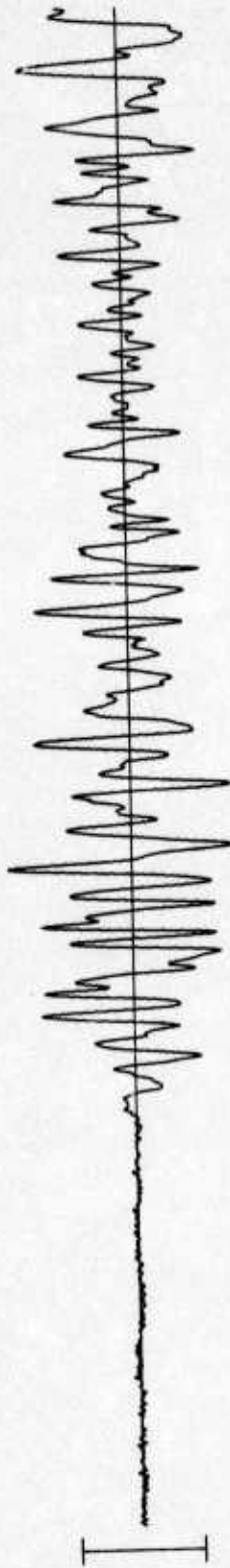
WH2YK 8 APR 76

02:52:24.0

SPZ
340.47 MU



SPR
131.96 MU



SPT
135.11 MU



TIME



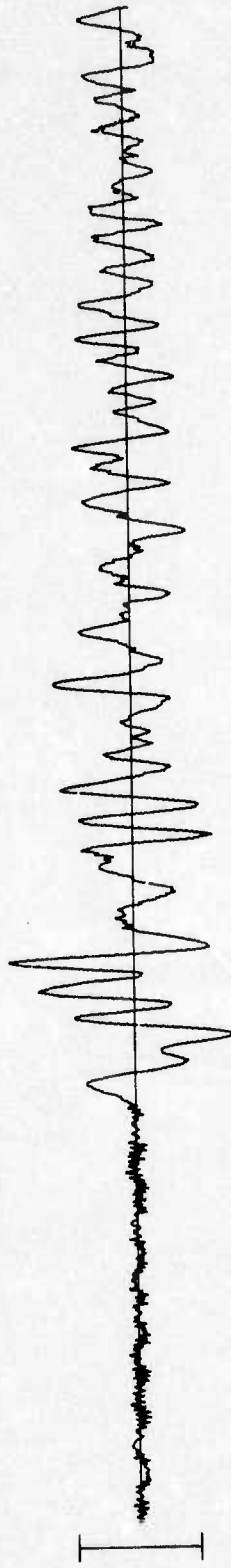
HN-ME 8 APR 76

SPZ
414.37 MU

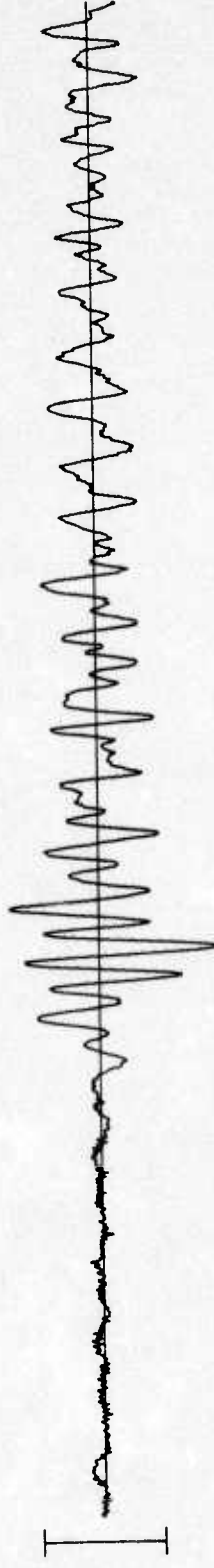
02:52:55.7 *



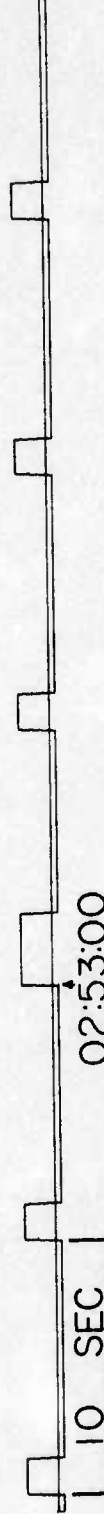
SPR
158.30 MU



SPT
151.90 MU



TIME

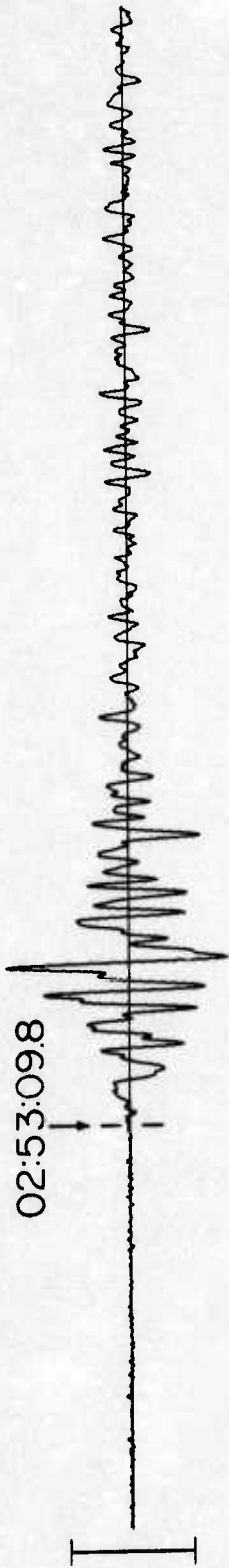


10 SEC

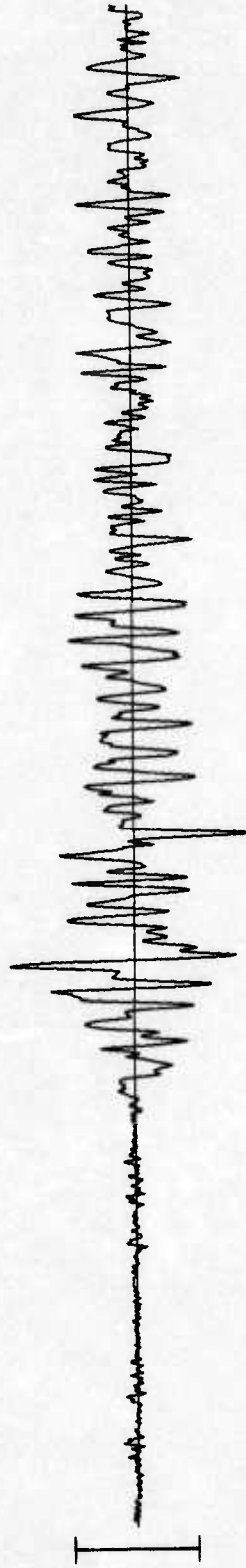
* START TIME OBTAINED FROM SPR CHANNEL

RK-ON 8 APR 76

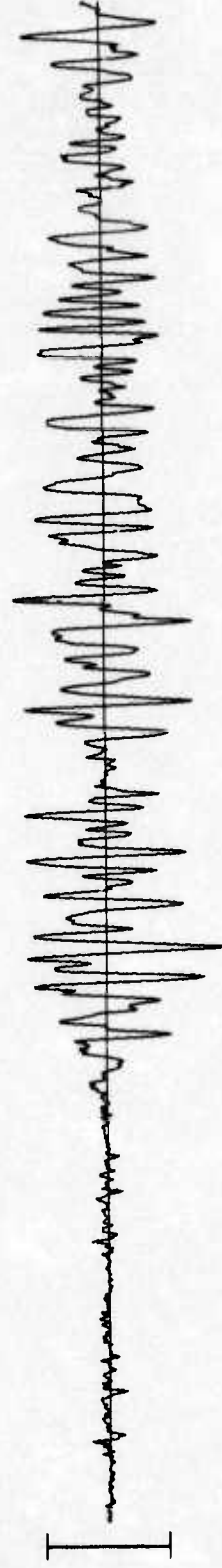
SPZ
523.34 MU



SPR
156.15 MU



SPT
122.25 MU



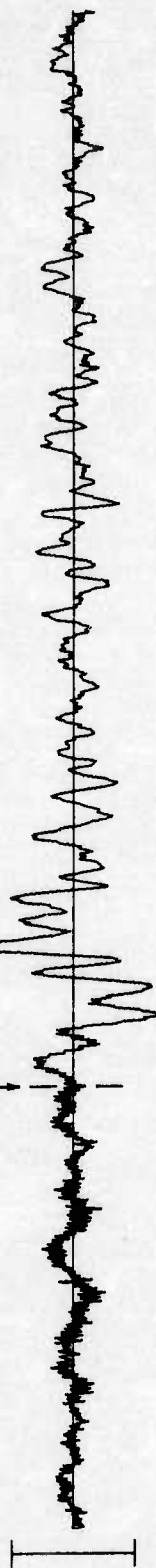
TIME



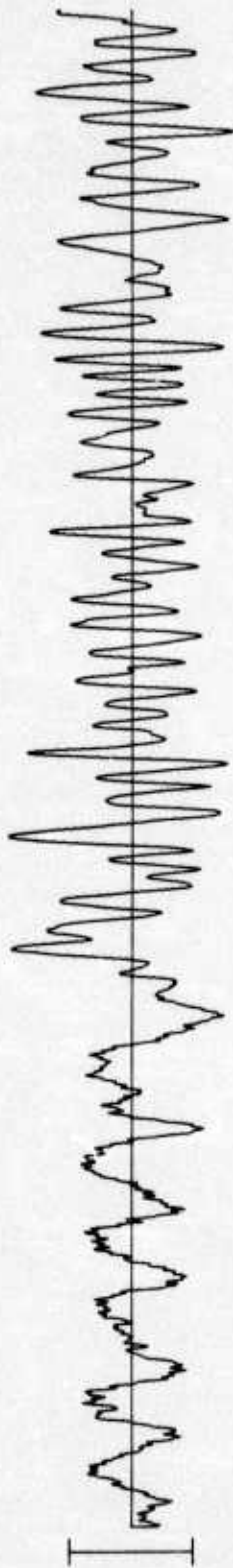
FN-WV 8 APR 76

SPZ
68.47 MU

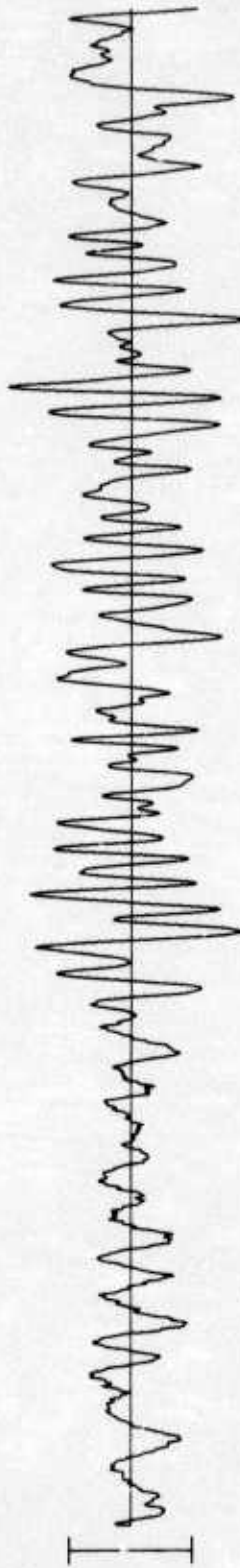
02:53:46.3



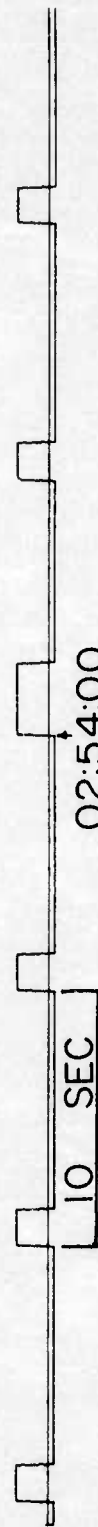
SPR
14.12 MU



SPT
15.61 MU



TIME

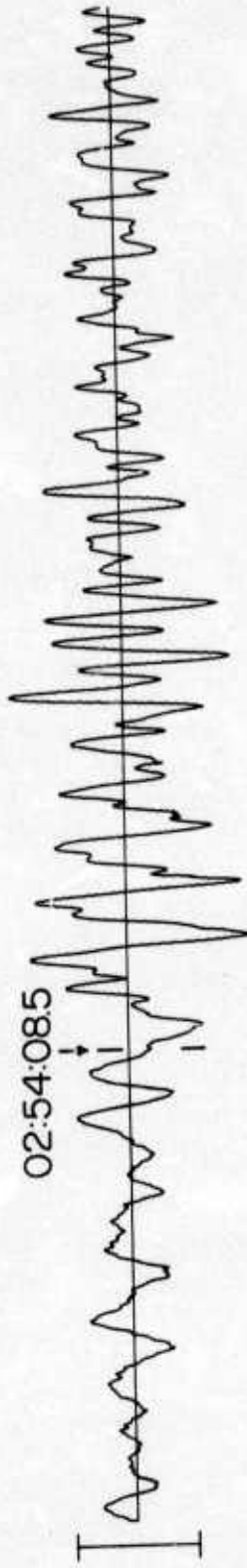


10 SEC

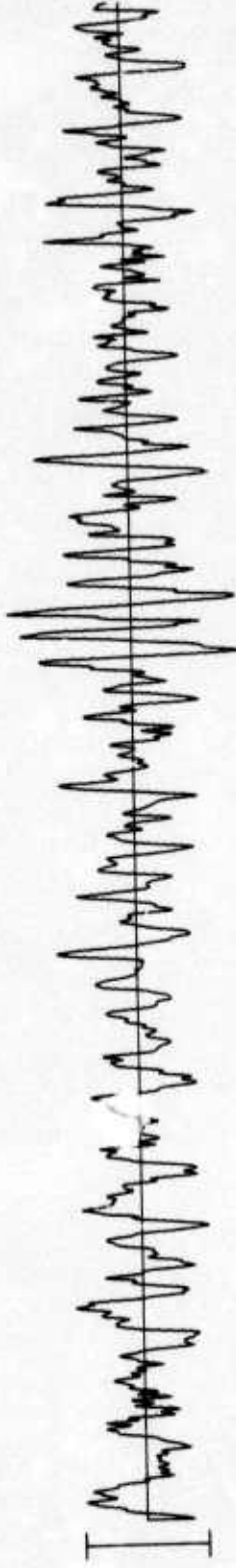
02:54:00

CPSO 8 APR 76

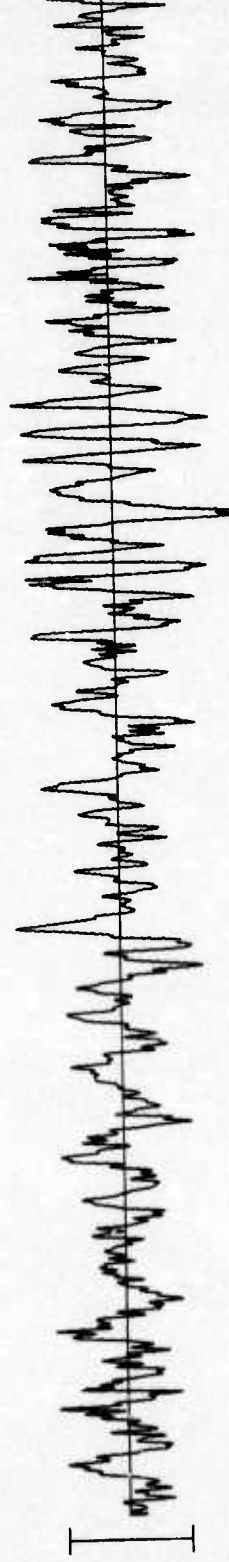
SPZ
40.32 MU



SPR
16.58 MU



SPT
11.04 MU



TIME

